

Application Date 18th Fch 1941 No. 388 47

Applicant (Assignes of Actual Inventor)

Actual Inventor

Application and Provisional Specification

Complete Specification after l'rovisional Specification

Complete Specification

Acceptance Advertised (Sec. 50)

Merchanismo Starte Pry Lineren

ERNEY MATEROL Den South Wales lecepted, 6th March 1941

Ladged, Sth November, 1941.

ccepted Loth January, 1942 Cull Jungary, 1942

Class 06.6.

ACTALONIC SERVICES OF THE MANAGES

"Improvements relating to electric torches."

10 ... This invention relates to electric torcher

O : The invention relates a clocure lorent of the kind capable of specializing a fixed and sales at characteristic coal points.

The coal action of a below body of the coal solution of the coal solu

We Metal and Mountage Mayor to This member described in others teres. I've Lamired carrying on business, size formed to receive annelectric lamp of as Manufacturers as 3 St. Peters Street. Bulks Preferably also lamp is accessed into Darlinghuest, near Sydney, in the State of Lampes, the member and the latter Darlinghuest, near Sydney, in the State of Lampes, the member and the latter of the South Wales. Commonwealth of Aness these metallic courses of the lamp and page through training hereby declare this invention and the sential courses of the lamp and page through manner in which it is to be performed for the employed material of the lamp and page through be fully described and ascertained in and by smalle of the lody where it is engaged by the following statement:—

The body also like a spring blade article 10 The body also his a spring blade switch 10 menther secured at its lawer ends there of the and things have unformed at the lawer and there of the and things having unformed at the lawer the secure and the lawer the la

is loggesuo orojecikoutenydie amiliata Lii pitaa pieceot tis iponerolade veiras iembers

cuenbers

There it is boid to shoulder to may one

there body spainors distance from the ope

thereof upons which as alcore nember size

upported as
The sleere introder rarries the usual therefor and lens and forms the upper cut 10 of the forch.

and aliding movement upon the lop of the

sliematirely, passed a second

The interlion in merform provides

or comming with a continuous s

she structured to provided. The so continuous Lin the above senses the restricts a push piece held down by hind lander to protect the lamp from the or damage should the forch be dropped aresident shocks aborder to provide

readily mideratool reference will now be made to the accompanying drawing

do wherein: sulexpanded view of the con-Ligure 1. est torel abstraine the upper cap, the bods

defails

Live subdeced very of the appeareap

you be consumited through the position of
the company pin and puglispie to reinterantique ughting and variable occuring.

Live subject through the position
through the member showing the position of the focusing pintand the push piece for

focusing with a continuous beams

The cylindricals metal body 10 receives the dry celled 1. Figure 4 is closed 10 at its lower end by a screwed cap 12 of neual construction and it also closed at its torch body and is provided with a focusing supper send by a disc 13 to mentating guide stors in which the resilient pingles material. This disc 13 receive an electric 18 cugageds 1 accordance to the switch stamp 34. As illustrated asserted threaded 15 tor, is also formed in the electronal through sancker 14 is provided for this purpose. The which the said push piece projects, while at a disc 13 has formed the rewith a central con-another position on the sleeve a round hole. That 15 which are adapted to engage the Mormed through which the push piece may scentral dry cell terminal 16 and provide a central dry cell terminal 16 and provide a central dry cell terminal 16 and provide a central configuration of the 20 when 20 prewed into the threaded occess 4. With ocker tresor ampolic thread selections in temini and

led from the 25 which is

unb 35 of the U-chaper fitting 17 sprages so continuous In the above penserile, not adapted to the ringsel by a spring blade 30 continuous In the above penserile, not adapted to the ringsel by a spring blade 30 sacists a push piece held down by hand a twitch niember 18 which in general distinguished a push piece held down by hand a twitch niember 18 which in general distinguished for damage should the forch be dropped and of the spring member 18 hangsbens to resilient shocks absorber in provided supon storms, resilient spaces 20 for its day resilient spaces and also it deared supon the switch member 18 has acquain piece. In order that the invention may be more 21 and when pressed inwards organizes the

limb 36 of fitting 17 . The return strenit for the lamp is from the ensing 10 horough the ional spring 37 in ear 12 in the borr plate 40 lower der cell 11 in well known manners. second spring blade 22 have med

elibear 20 sie retaineira position by an annular shock absorber 30. resilient material I will be observed that as illustrated in Figures 1. Ccando and sleeve member 25 has two diagonal focusing alor portions 31 and 32 extending from the transverse guiding or focusing plot portion 24 and that in addition to the hole 26 for O the push piece 21 there is a diagonal plot 33 in which the said push piece 21 may move and

When the sleeve member 25 is placed upon the bode 10, see Figure 6, the focusing pin 23 is depressed and finally enters the comp verse lot 24 while at the same link slink purb pie 21 m depre dand finally miss bole 26. This position Figure 6. miss go wo so normal position of the

The alcour member 24 if turned to the right 22 improvements in torches 22 claimed in the post of the p piece 21 to inter the diagonal plot 33.331 has the dry cell bathery and unlabelianed atting may cally be effected as the pual piece 21 one limb of which engages the lamp while has a practical head which enables it to be the others limb at corpulation of the line of the country of the lamb at the others which blods member of the line of the country of the line of the country of the line of the line of the lamb at the country of the line of the lin

he extremedimitsof ocusing nnder the condition that been altained. Levillus apprecialed that various modifications may be made in the above construc-flower though departing from the opirit of B the invention, no defined by the appended Maimo

Having now fully described and secertained our said invention and the manner in which it is to be performed we declare 10

iliat what we cloim io 2 1 Lmprovemento in electric forches comprising a cylindrical body for receiving dry cellar gaid, body, having or crowed cap, a cliec of moulating moderal served so the 15 hologoperceiving and legicitating and discribe baying electrical comprehe for the lampeon of paids onlects oung edouble of of and a long liming inpose the call ering so

do lor.

in sleeve member has a reflector and a being automatically depressing give confens wild in position by an anular shock indivision at a fixed focal point of alterable for the absorber of reglight material.

Improvements in electric torchos phaying a body and a movable sleeve member exacting a reflector and a lens characterises in that the body has a resilient guide pin and a contact making push piece, said guide ping timetiming to kuide the sleeve with the propertional beam from the torch, and push piece being capably of manual depression at a fixed speak a points and salars of sheins depressed manually a variable rocal points to said push meres being the said push depressed manually a variable rocal points.

being automatically depressed to give seon income beam at a fixed local point or literatively at variable local points.

8. An improved electric forch substantially as described and estillustrated in the 5 accompanying drawings.

Dated this 7th day of November 1011.
METALLAND MOVLDING MANUACTURE.
PT. LIMITED

By 11. Patent Afternoon

Enwis Warring South What it hills fire her Gomes or with the

10







